

SECRET**LOGGED**

APR 7 1971 4434

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IDEALIST

FOR:

SUBJ: AEC TEST

FROM:

THE NEW AEC SENSOR WILL BE INSTALLED AT OL-RD
8 APRIL 1971. [REDACTED] HAS SUBMITTED THE FOLLOWING
TEST PLAN:

QUOTE:

"1. THE CONTRACTOR HAS MADE A MODIFICATION TO THE
AEC THAT HE BELIEVES WILL SOLVE THE THERMAL DIFFERENCES PROBLEM
NOW IN THE SENSOR. TWO TEST FLIGHTS WILL BE MADE FROM OL-RD
TO EVALUATE THIS MODIFICATION.

2. [REDACTED] WILL TAKE THOSE ACTIONS NECESSARY TO DELIVER THE
IMPROVED AEC TO OL-RD/

3. OL-RD WILL PLAN AND FLY MISSIONS TO TEST THE IMPROVED AEC
FOLLOWING THESE GUIDELINES:

A. ORBIT [REDACTED] FOR THE REQUIRED TWO
HOURS STABILIZATION TIME. TAKEOFF TIMING WILL BE ADJUSTED TO
ACCOMPLISH MODE ON AT 23 DEGREES SUN ANGLE.

B. MAKE ONE ADDITIONAL ORBIT AFTER MODE ON.

C. PROCEED TO [REDACTED]

D. PROCEED TO PALM BEACH THENCE TO NORTH [REDACTED]

E. RUN AN AREA SURVEILLANCE USING 8650W AND 8300W AS THE
EAST AND WEST ABUNDARIES.

F. DESCEND AND LAND.

G. THE FIRST MISSION WILL BE FLOWN EMPLOYING THE CONFIGURATION
WITH THE AEC SENSOR BY [REDACTED] AS SOON AS POSSIBLE FOLLOWING

THE FIRST MISSION. THE SAME TRACK WILL BE FLOWN WITH NAME IRIS
CONFIGURATION. FOR THIS SECOND MISSION, THE AEC WILL BE DISABLED
AND THE FIXED SLIT OLD HEAD PROCEDURES UTILIZED.

3. FORWARD MATERIAL AND PILOTS LOGS TO NRTSC UTILIZING
OLD HEAD PROCEDURES. LOGS AND PACKAGES WILL BE MARKED "OLD HEAD
TEST." UNQUOTE.

SECRET

GP-1

END OF MESSAGE

DECLASS REVIEW by NIMA/DOD

SECRET

FILE:	INITIALS	DATE
Ch/TSG 452121		
Ch/APSD		
D.Ch/APSD		
Secretary/APSD		
✓ Ch/IEB	2R	4/2/77
1 D.Ch/IEB	WCC	7 April
✓ Ch/IEB/Sec.I	MBH	7 April
Ch/IEB/Sec.II		
Secretary/IEB	am	
	Wry	
Ch/ISAB		
D.Ch/ISAB		
Secretary/ISAB		
Ch/OAB		
D.Ch/OAB		
Ch/PSSB		
D.Ch/PSSB		
Ch/PSSB/ATS		
Ch/PSSB/DS		
Secretary/PSSB		